

1980 Index to INTERFACE AGE™

compiled by Jim Schreier

An index so far-reaching as to reference the diverse subjects in a year of INTERFACE AGE issues has a lot of territory to cover. Since the purpose of this index is to catalog as much information as possible within a limited space, it is subject-oriented. An effort was made to list the topics covered in regular monthly columns as well as articles.

The index is presented in 11 divisions. Cross-indexing was used when applicable. The software applications section not only identifies the program, but type of source used (Basic, assembled, etc.)

BOOK REVIEWS

- "Atari Basic" (Albrecht-Finkel-Brown)
by Roger H. Edelson August p 111
- "Basic for Home Computers: A Self-Teaching Guide"
(Albrecht-Finkel-Brown)
by Roger H. Edelson August p 111
- "Basic Primer" (Waite-Pardee)
by Roger H. Edelson November p 133
- "Checklist/Guide to Selecting a Small Computer" (Bennett)
by Les Spindle December p 114
- "Computer Games for Business Schools and Homes"
(Nahigian-Hodges)
by Jerry Martin May p 24
- "Crash Course in Microcomputers" (Frenzel Jr.)
by Kathy Tekawa July p 22
- "Design on Transistor Circuits with Experiments" (Pullen Jr.)
by Michael Scott June p 24
- "Dr. Dobb's Journal of Computer Calisthenics and Orthodontia—
vol 2 & 3" (Williams, ed.)
by Rocky Smolin October p 126
- "From Dits to Bits: A Personal History of the Electronic Computer"
(Lukoff)
by Les Spindle July p 22
- "Illustrating Basic (A Simple Programming Language)" (Alcock)
by Bradford Rehm March p 64
- "Introduction to Microcomputers for the Ham Shack" (Helms Jr.)
by Susan Grace September p 120
- "Lasers: The Light Fantastic" (Hallmark)
by Carl V. Olsen January p 113
- "Microcomputer Interfacing with the 8255 PPI Chip" (Goldsbrough)
by Al Baker September p 120
- "Microcomputer Primer" (Waite-Pardee)
by Roger H. Edelson October p 126
- "Microprocessors" (Zaks)
by Jeremy Epstein March p 64
- "Operating Systems—Concepts and Principles" (Zarella)
by Alfred A. Adler 3 June p 24
- "Programming the Z8000" (Mateosian)
by Dennis Doonan December p 114
- "Software Interpreters for Microcomputers" (McIntire)
by Phil Hughes May p 23
- "Super-Wumpus" (Emmerichs)
by Alan R. Miller February p 101
- "Ten Easy Pieces: Creative Programming for Fun and Profit"
(Sagan-Meyer Jr.)
by Roger H. Edelson November p 133
- "The A to Z Book of Computer Games" (McIntire)
by Dennis Doonan August p 110

- "The Bugbook VIII: 8080/8085 Software Design"
(Titus-Rony-Larsen & Titus)
by Jack Kirschenbaum January p 113
- "The Complete Handbook of Robotics" (Safford Jr.)
by Joe Humphrey May p 24
- "The Home Computer Revolution" (Nelson)
by Susan Grace June p 24
- "TRS-80 Basic (A Self-Teaching Guide)" (Albrecht-Inman-Zamora)
by Tom Fox October p 126
- "TRS-80 Disassembled Handbook" (Richardson)
by Dick Robertson April p 126
- "TRS-80 Disk and Other Mysteries" (Pennington)
by Dick Robertson April p 126
- "TRS-80 Interfacing" (Titus)
by Jerry Martin May p 23
- "Z-80 and 8080 Assembly Language Programming" (Spracklen)
by Jerry Martin April p 126
- "Z-80 Instruction Book" (Wadsworth)
by Alan R. Miller February p 101
- "Z-80 Microprocessor Programming and Interfacing: Books 1 & 2"
(Nichols-Nichols & Rony)
by David Marca September p 121

BUSINESS

- A Physician's Approach to the Purchase of a Small Office System
by James K. Robinson July p 72
- A Telephone Management System
by Peter S. Buswell March p 98
- Advertising with the Apple Computer
by Howard H. Rothman May p 66
- Anatomy of a Patent: part 1
by Leonard Tachner January p 40
- Anatomy of a Patent: part 2
by Leonard Tachner February p 28
- Anatomy of a Patent: part 3
by Leonard Tachner March p 32
- Anatomy of a Patent: part 4
by Leonard Tachner April p 34
- Anatomy of a Patent: part 5
by Leonard Tachner May p 30
- Attitudes of Computer Ethics
by Frank Vaughan July p 6
- Computer Software Protection
by Elliott MacLennan September p 17
- Disclosing Inventions to Employers
by Leonard Tachner June p 28
- Entrepreneurs
by Adam Osborne March p 28

11
22
33
44
55
66
77
88
99
X

Government Grants
by Adam Osborne April p 30

How to Buy an Accounts Receivable System
by Rocky Smolin March p 91

How to Design an Effective Accounts Receivable Report
by Kevin Stumpf September p 56

Legal Liability and Protection for Software Companies
by Elliott MacLennan November p 17

Parts Inventory Control
by Chuck Atkinson July p 48

Place a Special Order on Real Estate
by Gary A. Stotts October p 62

Problems of Automating
by E. Currie May p 25

Purchase Order
by W.B. Goldsmith Jr. September p 66

Real Estate Income Investment Analysis
by Averil B. Chatfield December p 72

Tax Deductibility of Computer Software
by Elliott MacLennan October p 17

Taxation of Computer Technology: part 1
by Elliott MacLennan July p 24

Taxation of Computer Technology: part 2
by Elliott MacLennan August p 30

Tax-Free Computer Purchase and Lease
by Elliott MacLennan December p 18

The Bogus Consultant
by Adam Osborne February p 26

The Source (criticism)
by Adam Osborne April p 33

Time Analysis & Billing System
by Will Hagenbuch May p 82

EDUCATION

Bringing Your Students Into the 21st Century
by Laurence A. Booker October p 92

CAI Primer
by Louis E. Frenzel Jr. July p 32

Computers in the Playground
by Kathy Tekawa October p 14

Developing CAI Learning Materials
by Louis E. Frenzel Jr. September p 30

Education with Home Computers
by Louis E. Frenzel Jr. October p 38

Home Study Approach to Computer Learning
by Louis E. Frenzel Jr. December p 32

How to Find Instructional Software
by Louis E. Frenzel Jr. November p 32

How to Write Readable Programs
by LeRoy Finkel February p 102

Mathtest
by Bethany Prendergast June p 96

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht January p 96

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht February p 98

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht March p 119

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht April p 113

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht May p 112

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht June p 94

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht July p 88

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht August p 52

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht September p 26

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht October p 30

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht November p 30

My TRS-80 Likes Me When I Teach Kids How To Use It
by Bob Albrecht December p 30

Teach Your PET to Read "Marked Cards"
by Marvin Mallon June p 56

The Care and Feeding of PET
by Tubbs-Garmston January p 24

The Teacher and the Personal Computer: Alternatives in Instruction
by Samuel W. Spero June p 89

2D Simulation: Educational Breakthrough
by J. Olin Campbell October p 86

Using and Building Micro-Based Systems: chapter 1
by David Marca January p 105

Using and Building Micro-Based Systems: chapter 2
by David Marca February p 124

Using and Building Micro-Based Systems: chapter 3
by David Marca March p 122

Using and Building Micro-Based Systems: chapter 4
by David Marca April p 118

Using and Building Micro-Based Systems: chapter 5
by David Marca May p 114

Using and Building Micro-Based Systems: chapter 6
by David Marca June p 98

Using Special Basic Functions
by Ted Carter February p 54

Video Education
by Louis E. Frenzel Jr. August p 40

HARDWARE APPLICATIONS

A Crime Fighting System
by Roger Garrett June p 50

A Guide to Remote Control Hookups
by James A. Gupston Jr. July p 60

A Plasma Display with Color
by Roger Garrett April p 59

A Supercomputer
by Roger Garrett January p 54

An Error Correcting Memory
by Terry Dollhoff June p 114

An Interrupt-Driven Keyboard Buffer
by Alan R. Miller October p 106

Automatic Acquisition of 3-D Information
by Roger Garrett September p 24

Automatic Acquisition of Three Dimensional Data
by Roger Garrett August p 34

Communicating With Your Computer
by Edgar M. Pass March p 70

Communication for the Mute
by Roger Garrett March p 62

Data Modems: Technology and Applications
by Edward S. Milbury March p 88

Interfacing the MC6840 to the Commodore PET 2001
by M.F. Smith January p 88

Mixed Interfaces
by Richard A. Leary June p 108

Program Your Phone Calls to Dial...Time...Rate...Re-call
by Fred Blechman October p 74

Put a Daisy on Your Apple
by John MacDougall August p 76

Software Baud Rate Selection
by J.A. Goda March p 168

Sonic Transducer Ideas
by Roger Garrett February p 40

Sonic Transducer Ideas: More
by Roger Garrett July p 46

Teach Your PET to Read "Marked Cards"
by Marvin Mallon June p 56

The Dust Writer
by Michael J. Hodgetts June p 66

Touch-Vision for the Blind
by Roger Garrett December p 26

What's a Feinberg
by Roger Garrett May p 64

HARDWARE REVIEWS

A High-Resolution Video Board for the S-100 System
by Roger Edelson July p 74

A Modem Interface for the 80's: (Z-80s and 8080s That Is)
by Neil M. Harrington October p 96

A User's View of Stringy Floppy for the 6800
by Tom Mattingly February p 88

Add a Terminal—and More—to Your S-100
by Roger Edelson August p 58

Alpha Micro AM-1031
by Tom Fox June p 76

Altos Sun-Series
by Tom Fox June p 71

Anadex 8000 and 9500 Printer Series
by Roger Edelson December p 56

Apple III (And In This Corner The Information Analyst)
by Frank Vaughan August p 62

Arithmetic Processors
by Adam Osborne January p 36

Cado Cat
by Tom Fox September p 52

Comparison Charts: A First-Buyer's Guide to Hardware
by *IA Staff* May p 94

Computing MINIMAX
by *Tom Fox* June p 76

Cromemco System 3
by *Tom Fox* June p 71

Digital Microsystems HEX29
by *Tom Fox* January p 90

Digital Microsystems
by *Tom Fox* June p 76

Get on the "Band" Wagon: A Review of Micro Peripherals' Mini Floppy Disk Drive
by *Roger Edelson* October p 50

Heath H89
by *Tom Fox* June p 71

Heath WH89/Zenith Z89
by *Tom Fox* August p 81

IBM 5110
by *Tom Fox* June p 76

Industrial Micro Systems Series 8000
by *Tom Fox* June p 71

Intertec SuperBrain
by *Tom Fox* June p 71

Lazor: The Business "Dream" Machine
by *Fuller-Henrich* June p 122

Looking at Micro-Based Business Systems
by *Tom Fox* June p 70

Micro V Microstar
by *Tom Fox* June p 72

MicroDaSys mille
by *Tom Fox* June p 72

MicroDaSys mille
by *Tom Fox* July p 81

Motorola's MEK 6800 D2 Evaluation Kit
by *Stanley F. Lundgren* August p 112

North Star Horizon
by *Tom Fox* June p 72

Ohio Scientific C3
by *Tom Fox* June p 102

Ohio Scientific C3-C
by *Tom Fox* April p 102

Pertec PCC2000
by *Tom Fox* June p 72

Polymorphic Twinsystem 88
by *Tom Fox* October p 56

Qantel 110
by *Tom Fox* December p 48

Radio Shack TRS-80 Model II
by *Tom Fox* June p 72

Rexon RX30
by *Tom Fox* March p 116

Rexon RX30
by *Tom Fox* June p 78

Rockwell's Aim 65
by *Tom Fox* November p 74

Smoke Signal Broadcasting Chieftain
by *Tom Fox* June p 74

SWTP S109
by *Tom Fox* June p 74

Technico SS-16
by *Tom Fox* February p 94

Technico SS-16
by *Tom Fox* June p 78

TEI 3400
by *Tom Fox* June p 74

Terminals—They Do More and Cost Less
by *Roger Edelson* November p 72

The Commodore PET: Expanding from Home to Business
by *Suzanne Rodriguez* February p 52

The Comparison Tables Explained (hardware-disk-peripherals & software data)
by *Tom Fox* June p 80

The Escon Selectric Interface
by *Miller-Klossner* June p 62

The Machine That Talks for the Non-Verbal
by *Kathy Tekawa* January p 70

The TRS-80 Color Computer
by *Al Baker* November p 48

The Ultimate S-100 I/O Board?
by *Roger Edelson* September p 46

Three Rivers Computer PERQ
by *Tom Fox* June p 78

Vector Graphic MZ
by *Tom Fox* June p 74

Zilog MCZ-1/70
by *Tom Fox* June p 74

MATHEMATICS

Binary Arithmetic Using the Handheld Calculator
by *Leon Felkins* April p 24

Ellipses
by *Al Baker* September p 18

Fourier Analysis: part 1
by *Alfred Adler* February p 34

Fourier Analysis: part 2
by *Alfred Adler* March p 44

Fourier Analysis: part 3
by *Alfred Adler* April p 42

Function Plotter
by *Richard R. Parry* December p 36

Generalized Inverse Matrices: A Practical Tool...
by *John C. Nash* September p 32

Numerical Analysis
by *Alfred Adler* May p 44

Numerical Integration and Trajectory Equations
by *Alfred Adler* June p 36

Parabolas
by *Al Baker* September p 18

Point Plotter and Statistical Analysis Package
by *Richard R. Parry* November p 34

Programmable Calculator Evaluation of Real Determinants
by *Pratt-Fisher* May p 104

Rotation of Coordinate Axes
by *Alfred Adler* October p 40

Simple Linear Regression: A Forecasting Tool
by *Richard R. Parry* August p 42

MISCELLANEOUS

A Home for Your Computer
by *Tom Fox* August p 66

Alternative to Microcomputer Construction
by *Stephen A. Kallis Jr.* May p 78

An On-Line Character Recognizer
by *Robert M. Simmons* March p 110

An On-Line Character Recognizer
by *Robert M. Simmons* April p 18

Blending Micros Into Home Appliances
by *Roger Banks* January p 74

Build a Simulation System
by *Roger Garrett* October p 22

Computer Simulation of Classical and Instrumental Conditioning
by *Alan Filisinger* April p 74

Computerized Communications Systems for the 1980s
by *Jonathan Sachs* March p 66

Computerizing the Home
by *Terry Costlow* February p 66

Computers Become a Force at Consumer Electronics Show
by *Terry Costlow* February p 49

Data Base Management for the Apple II
by *Phil Roybal* April p 94

Design of an M6800 Based Automatic Weigh Batching System
by *Mike McCormick* May p 108

Do's and Dont's in Software Selection
by *Carl Heinz* September p 104

Electronic Mail Is Here
by *Carl Warren* January p 86

Fast Simulation of Nerve Potentials
by *James E. Randall* September p 70

Future Aspects of Technology
by *Merl Miller* May p 62

Handheld Computer
by *David Civan* December p 70

Heat Loss Audit
by *William Spitz* November p 66

How to Solve Your Damaged Disk Dilemma
by *Gene Cotton* September p 80

Lung: A Program to Calculate Spirometric Data
by *James K. Robinson* September p 15

Micro Mixdown
by *Steven L. Martin* January p 62

Micros Go Shopping: Computerized Supermarket Trims Costs
by *Kathy Tekawa* February p 70

Micros Hit the Jackpot With The Cheat-Proof Slot
by *Michael Panchak* October p 66

More Bang for the Bite
by *David Veldof* October p 80

Move Over Electronic Mail...Here Comes Viewdata
by *Elizabeth M. Ferrarini* December p 76

Personal Computers of the Future—An Overview
by *IA Staff* December p 66

Personal Computing Show (PCC): comments
by Adam Osborne February p 24

Programmable Calculator Evaluation of Real Determinants
by Pratt-Fisher May p 104

The Computer-as-Partner Concept
by Roger Garrett November p 24

The Computerized Auto
by Terry Costlow January p 68

The Creation of CP/M
by Suzanne Rodriguez May p 132

The Dust Writer
by Michael J. Hodgetts June p 66

PROGRAMMING

Accessing Assembly Language Routines from Basic
by Jon Lindsay October p 108

Formatting Integer Basic Programs
by R. F. Zant August p 96

Formatting Numeric Output
by Robert F. Zant March p 26

Generalized Menu Program
by Gene Embry December p 98

Getting Started With Pascal
by Daniel S. Hunt November p 56

How to Write Readable Programs
by LeRoy Finkel February p 102

Improving Your Console Input—Part I
by Hugh Poyner October p 100

Improving Your Console Input—Part II
by Hugh Poyner November p 88

Pascal With a Z-80
by Charlie Foster November p 60

Subroutine Columns for the TRS-80
by Daniel Jacob August p 100

The Pascal Notebook: chapter 7
by Henry Davis January p 98

The Pascal Notebook: chapter 8
by Henry Davis February p 118

The Pascal Notebook: chapter 9 (The Final Chapter)
by Henry Davis April p 115

Program Locator System for North Star
by Mark Kurzmack December p 84

TRS-80 Program Recovery
by J. Kovacic December p 100

Using and Building Micro-Based Systems: chapter 1
by David Marca January p 105

Using and Building Micro-Based Systems: chapter 2
by David Marca February p 124

Using and Building Micro-Based Systems: chapter 3
by David Marca March p 122

Using and Building Micro-Based Systems: chapter 4
by David Marca April p 118

Using and Building Micro-Based Systems: chapter 5
by David Marca May p 114

Using and Building Micro-Based Systems: chapter 6
by David Marca June p 98

Using Special Basic Functions
by Ted Carter February p 54

ROBOTS

A Discussion of Artificial Intelligence
by Roger Garrett April p 85

An Inexpensive Robot Guidance System: "Eyes" For Your Android
by David L. Morris April p 70

Can Your Robot Pass the Test?
by Alan Thompson April p 83

Computers Communicating in Natural Human Languages
by Merl Miller March p 56

Creative Thought Through Machines?
by Merl Miller February p 38

Definition of "Robot"
by Merl Miller April p 56

Future Life Affected by Computers
by Miller-Uecher January p 52

Promotional Robots: More Than Mechanical Toys
by Kathy Tekawa April p 66

Robot Surgery
by Merl Miller June p 46

Robotic Language
by Merl Miller August p 38

Robotics and Urban Traffic
by Boris Dobrotin April p 72

Scientific Robots
by Thomas Carroll April p 58

SOFTWARE APPLICATIONS

A Really Short and Simple Word Processor (Basic)
by Charles J. Jacobus May p 70

A Record Management System (AMS) (Basic)
by Rinaldo F. Prisco February p 72

A Simple Mailing Label Program (Basic)
by Rocky Smolin January p 78

A Telephone Management System (Basic)
by Peter S. Buswell March p 98

A Text Editor for the 6800 (Assembled listing)
by Robert Hudson September p 94

Adding Time & Date to CP/M v 2.0 STAT (Assembled)
by Alan R. Miller May p 138

Advertising with the Apple Computer (Basic)
by Howard H. Rothman May p 66

Amortization Program (Fortran)
by David Marca April p 125

Attack Command Alpha (game) (Basic)
by Al Baker April p 37

Beating the System (Apple's Pascal) (Pascal listing)
by Mark J. Borgerson September p 76

Benchmark: Prime Number Cruncher (Basic)
by IA staff June p 131

Benchmarks (reader's contributions) (Basic)
by Emert-Smith-Embry-Snapp August p 10

Binary Cents and the Smart Checkbook (Basic)
by Murray L. Lesser October p 70

Blind Password Implementation (Basic)
by Jack Purdum February p 17

Break Service Routine for KIM-1 (Assembled)
by Ken Wetzel June p 132

Bubble Sort (Basic)
by LeRoy Finkel February p 106

Check Book Entries (3 Fortran listings)
by David Marca March p 126-131

Comparison Between Trapezoidal and Simpson's Rule (Basic)
by Alfred Adler May p 58

Computer Simulation of Classical and Instrumental Conditioning (Basic)
by Alan Filsinger April p 74

Computing Your Genealogy (Basic)
by Jim Schreier January p 126

Data Base Management for the Apple II (Basic)
by Phil Roybal April p 94

Diablo Hytype 1 Printer Firmware (Assembled 6502)
by John MacDougall August p 76

Distance & Velocity Calculation (Fortran)
by David Marca March p 126

Ellipses (Basic)
by Al Baker September p 22

Envelope Addressing (Basic)
by Bill Roch February p 83

Fast Simulation of Nerve Potentials (Basic)
by James E. Randall September p 70

Fibonacci Sequence (Fortran)
by David Marca March p 132

Flight Simulation Program (Basic)
by Thomas Carbone August p 70

Floating Point Accumulator Print Routine (Microsoft Basic) (Assembled)
by Alan R. Miller April p 134

Formatting Numeric Output (Basic)
by Robert F. Zant February p 26

Fourier Analysis (Basic)
by Alfred Adler March p 44

Fourier Analysis: part 3 (Basic)
by Alfred Adler April p 42

Function Plotter (Basic)
by Richard R. Parry December p 36

Fuzzy Decision Making (Whaley Nov 1979) (Basic): Improvements
by Alfred Adler February p 34

Galactic Giggle (Basic)
by Al Baker February p 32

Generalized Inverse Matrices (7 Basic listings)
by John C. Nash September p 32

Generalized Menu Program (Basic)
by Gene Embry December p 98

Headlining Interstellar News (Basic)
by Ralph Roberts September p 110

How to Design an Effective Accounts Receivable Report (Basic)
by Kevin Stumpf September p 56

How to Solve Your Damaged (CP/M) Disk Dilemma (Assembled listing)
by Gene Cotton September p 80

Imagination Roulette (Basic)
by *Al Baker* January p 42

Insulation Optimization (Basic)
by *Andes Ill-Sher* July p 128

Integer Formatting Program (Assembled 6502)
by *R.F. Zant* August p 96

Interest Compounding (Basic)
by *LeRoy Finkel* February p 102 & 106

Interfacing the MC68040 to the Pet 2001 (2 Basic listings)
by *M.F. Smith* January p 88

Lexical Analysis (Pascal)
by *Henry Davis* January p 102

Lung: A Program to Calculate Spirometric Data (Basic)
by *James K. Robinson* September p 14

Masthead (title printing program) (Basic)
by *Biese-Iannuccillo* August p 122

Mathtest (Basic)
by *Bethany Prendergast* June p 96

MCP: A Micro Communications Package (Assembled)
by *Bradford Rehm* March p 74

Memory Test (Basic)
by *Alfred Adler* January p 46

Microsoft's 8086 Cross Assembler (Basic)
by *Alan R. Miller* December p 104

Mining the Asteroids (game) (Basic)
by *Al Baker* July p 25

Mining the Asteroids—Now in Color (game) (Basic)
by *Al Baker* December p 20

Moon (radio antenna aiming) (Basic)
by *Fred LaPlante* February p 136

Mortpay (Basic)
by *Alfred Adler* July p 34

Multiple Choice Outline (Basic)
by *Tubbs-Garmston* January p 25

Name-Address and Sort Program (Basic)
by *Gary Stotts* November p 81

Number Guess Game (Pascal)
by *Alan R. Miller* September p 103

Number Sorting (Basic)
by *LeRoy Finkel* February p 106

Oops (North Star Disk Directory) (Basic)
by *Sid Owen* August p 92

Optional Printing with CP/M and Microsoft Basic
by *Bruce Haanstra* November p 84

Orbits (game) (Basic)
by *Al Baker* August p 24

Parabolas (Basic)
by *Al Baker* September p 20

Parts Inventory Control
by *Chuck Atkinson* July p 48

Place a Special Order on Real Estate (Basic)
by *Gary A. Stotts* October p 62

Play After Me (Basic)
by *Al Baker* May p 36

Player Piano (Basic)
by *Al Baker* June p 30

Point Plotter and Statistical Analysis Package (Basic)
by *Richard R. Parry* November p 34

Population Projection Program for Small Business Market Research
by *William E. Mihaló* December p 92

Print Using for Dollars and Cents (Basic)
by *H. Bräm Hansen* February p 13

Procedure Term (Pascal)
by *Henry Davis* February p 122

Purchase Order (Basic)
by *W.B. Goldsmith Jr.* September p 66

Quiz: Tigers Reader (Basic)
by *Tubbs-Garmston* January p 26

Random Number Generator (Fortran)
by *David Marca* April p 123

Random Number Generator Test (Basic)
by *Alan R. Miller* July p 126

Rotation of Coordinate Axes (Basic)
by *Alfred Adler* October p 40

Simple Linear Regression (Basic)
by *Richard R. Parry* August p 42

Software Baud Rate Selection (Assembled)
by *J.A. Goda* March p 168

Sorting ASCII Disk File (Basic)
by *Alan R. Miller* July p 126

Subroutine Columns for the TRS-80 (Basic)
by *Daniel Jacob* August p 100

Sun Control (Basic)
by *Dean Carstens* July p 67

TDL's Text Output Processor Fixes (Assembled)
by *A.E. Hawley* July p 138

Test Scoring Program (for Mark Reader) (Basic)
by *Marvin Mallon* June p 56

The Dust Writer (Assembled listing)
by *Michael J. Hodgetts* June p 66

The Memory Game
by *Al Baker* November p 20

The Personal Financial Statement (Basic)
by *John Sparti* February p 56

The Presidents (Basic)
by *Al Baker* October p 18

Time Analysis & Billing System (Basic)
by *Will Hagenbuch* May p 82

Time Trials (game) (Basic)
by *Al Baker* March p 38

Trajectory Equation Program (Basic)
by *Alfred Adler* June p 36

Triangle Area Calculation (Fortran)
by *David Marca* April p 120

User Routine (Lifeboat's North Star CP/M) (Assembled)
by *Alan R. Miller* February p 130

Vocabulary Exercise (Basic)
by *Tubbs-Garmston* January p 31

Word Add and Sort (Fortran)
by *David Marca* June p 103

Z-80 PROM Programmer (Assembled)
by *John MacDougall* April p 108

SOFTWARE REVIEWS

Computer Pathways: Pearl Program Generator
by *Carl Heintz* November p 47

CP/M v 2.0: An 8080/Z-80 Operating System (w/Assembled listing)
by *Alan R. Miller* May p 134

Datasmith: Payroll
by *Carl Heintz* August p 50

Digital Marketing: Pascal/M (Pascal for CP/M)
by *Alan R. Miller* September p 96

HDOS or CP/M: Which Way to Go?
by *Charles K. Bailing* September p 88

Lifeboat & FMG: CP/M For the TRS-80 Model II
by *Alan R. Miller* November p 94

Lifeboat's North Star Version: Double Density for CP/M
by *Alan R. Miller* February p 130

Mapping the TRS-80 into the Big Time
by *John R. Marler* November p 14

Micro'Ap: Selector III C-2 Information Management System
by *Carl Heintz* June p 48

MicroPro's Video Editor For CP/M: Wordmaster
by *Alan R. Miller* January p 118

MicroPro: Textwriter—An 8080/Z-80 Text-Output Formatter
by *Alan R. Miller* June p 136

Microsoft's 8080/Z-80 Disk Basic Version 5
by *Alan R. Miller* April p 130

Microsoft's 8080/Z-80 Macro Assembler: Macro-80
by *Alan R. Miller* March p 162

Microsoft's Basic Compiler For the 8080/Z-80: Bascom
by *Alan R. Miller* July p 124

MicroSource: Accounts Payable and Accounts Receivable
by *Carl Heintz* April p 62

MicroSource: Bookkeeper
by *Carl Heintz* July p 42

MicroSource: Ledgerplus
by *Carl Heintz* February p 44

Pascal With a Z-80
by *Charlie Foster* November p 60

Personal Software: Visicalc
by *Tom Fox* May p 144

Phase One Systems: Oasis (DOS)
by *Carl Heintz* March p 58

Retail Sciences: Peachtree General Ledger
by *Carl Heintz* October p 46

Structured Systems Group: Analyst
by *Carl Heintz* December p 42

Structured Systems Group: General Ledger
by *Carl Heintz* January p 58

Supersoft: Diagnostics Package For CP/M
by *Alan R. Miller* October p 104

ZSID: Z-80 Debugger for CP/M
by *Alan R. Miller* August p 88

